



```

chain nodes :
 1 2 3 4 5 7 8 9 10 11 12 13 14 15 16 17 18 19 20
chain bonds :
 1-2 1-8 2-3 2-5 3-4 5-7 7-13 8-9 8-10 10-11 11-12 12-16 13-14 14-15 15-17 16-19
 17-18 19-20
exact/norm bonds :
 1-2 1-8 2-5 3-4 5-7 7-13 8-9 8-10 10-11 11-12 12-16 13-14 14-15 15-17 16-19
 17-18 19-20
exact bonds :
 2-3

```

G1:O, S, NH

Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS  
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS